

## **A study of the reaction of sodium diethylphosphite with di- and triphenylmethyl halides by means of electron paramagnetic resonance**

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### **Abstract**

1. By means of electron paramagnetic resonance, a study was made of the reactions of sodium diethylphosphite with triphenylbromomethane, triphenylchloromethane, and diphenylbromomethane at room temperature in the presence of the oxygen of the air. An EPR signal was registered only in the first case; in the latter two it was absent (the sensitivity of the radiospectrometer was  $10^{-11}$  M to diphenylpicrylhydrazine). © 1962 Consultants Bureau Enterprises, Inc.

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